

Appl. No. 10/080,459
Atty. Docket No. G-275M (CP-1235A)
Amdt. dated January 8, 2004
Reply to Office Action of October 8, 2003
Customer No. 27752

Related App!

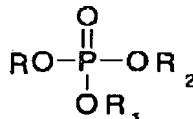
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of cleaning a surface on to which a polymeric film of acrylates copolymer has formed upon evaporation of solvent from an aqueous composition containing said polymer, the method comprising:
 - (a) incorporating in said aqueous composition during its preparation from about 0.1% to about 15% by weight of said aqueous composition of a phosphate ester surfactant in said compositions during its preparation, and
 - (b) washing the ~~hard~~ surface with a cleaning composition to substantially remove said polymeric film.
2. (Original) The method of Claim 1 in which the surface is selected from the group consisting of glass and metal.
3. (Original) The method of Claim 2 wherein the surface is metal.
4. (Original) The method of Claim 3 wherein the surface is steel.
5. (Original) The method of Claim 4 wherein the surface is stainless steel.
6. (Original) The method of Claim 5 in which the composition comprises hydrogen peroxide and has an acidic pH.
7. (Currently Amended) A method of cleaning a stainless steel surface used in the manufacture, transfer and storage of an aqueous acidic composition containing acrylates copolymer and an oxidizing agent and to which surface said polymer has formed an adherent film, the method comprising
 - (a) incorporating in said aqueous acidic composition during its preparation from about 0.1% to about 15% by weight of said aqueous acidic composition of a phosphate ester surfactant of the formula I

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(a) ~~incorporating a phosphate ester surfactant of the formula I~~

wherein R, R¹ and R² ~~may be~~ are each independently selected from the group consisting of hydrogen, an alkyl of from 1 to about 22 carbons, [[or]] and an alkoxyated alkyl of from 1 to about 22 carbons and having from about 1 [[or]] to about 25 moles ethylene oxide, with the proviso that at least one of R, R¹ and R² is an alkyl or alkoxyated alkyl as previously defined but having at least 6 alkyl carbons in said alkyl or alkoxyated alkyl group, and

(b) washing the ~~metal~~ stainless steel surface with a cleaning composition to substantially remove said film.

8. (Original) The method of Claim 7 wherein the oxidizing agent is hydrogen peroxide.
9. (Original) The method of Claim 7 wherein the cleaning composition is an alkaline solution having a pH of from about 8 to about 10.
10. (Currently Amended) The method of Claim 9 wherein the cleaning composition is applied under moderate pressure of from about 20 to about 40 psig.
11. (Currently Amended) A developer composition comprising on a weight basis by weight of the composition:
 - (a) from about [[1]] 3% to about 15% of a hydrogen peroxide oxidizing agent;
 - (b) from about 0.1% to about 15% ~~by weight~~ of a phosphate ester surfactant,
 - (c) from about 0.1% to about 10% of acrylates copolymer; and
 - (d) water,

~~said composition having an acidic pH, whereby polymeric films formed upon evaporation of said composition are more easily removed from a surface to which the film adheres wherein~~
said developer composition has an acidic pH.
12. (Original) The composition of Claim 11 wherein the pH is from about 2.5 to about 6.5.

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13. (Original) The composition of Claim 11 further comprising an organic cosolvent selected from the group consisting of C₂ to C₆ mono- and polyhydric alcohols.
14. (Original) The composition of Claim 11 wherein the phosphate ester surfactant is selected from the group consisting of C12-16 Pareth-6 Phosphate, C8-10 Alkyl Ethyl Phosphate, C9-15 Alkyl Phosphate, Ceteareth-2 Phosphate, Ceteareth-4 Phosphate, Ceteareth-5 Phosphate, Ceteareth-10 Phosphate, Ceteth-8 Phosphate, Ceteth-10 Phosphate, Cetyl Phosphate, C6-10 Pareth-4 Phosphate, C12-13 Pareth-10 Phosphate, C12-15 Pareth-2 Phosphate, C12-15 Pareth-3 Phosphate, C12-15 Pareth-6 Phosphate, C12-15 Pareth-8 Phosphate, C12-15 Pareth-10 Phosphate, C12-16 Pareth-6 Phosphate, DEA-Ceteareth-2 Phosphate, DEA-Cetyl Phosphate, DEA-Oleth-3 Phosphate, DEA-Oleth-5 Phosphate, DEA-Oleth-10 Phosphate, DEA-Oleth-20 Phosphate, Deceth-9 Phosphate, Deceth-4 Phosphate and Deceth-6 Phosphate.